

THE PHONE THAT KNOWS ALL.



Congratulations

MOTOROLA MILESTONE™

MOTOROLA **MILESTONE** gives you a premium browsing and messaging experience with the very latest from Google[™], all in a thin touch QWERTY slider.

- Browsing. Get more from the Web, with a huge screen and full HTML. Search, browse, everything you want to do, all made easier.
- Maps, entertainment, and more. The latest technology and apps. MotoNav and Google Maps™ to find your way. YouTube™ to stay entertained. Easy access to Google and thousands of Android applications to expand your world.

Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your phone. Once your phone is up and running, press Menu Solution > Settings > About phone > Safety information to read the full information.

More information

On your computer—Go to http://www.motorola.com/support.

So, whether you want to read, watch, or play, we can help.

Your phone

important keys & connectors



Tip: You can tap, tap & hold, and scroll to navigate the touchscreen. You can also use the **Menu**, **Home**, **Search**, and **Back** keys. For more, see "Touch tips" on page 9.



Note: Your phone might look a little different.

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Let's go

let's get you up and running

Assemble & charge

1 cover off

2 SIM in



3 microSD in (already done)



4 battery in



5 cover on



6 charge up





Caution: Please read "Battery Use & Safety" on page 40.

Turn it on & off

To turn on your phone, press and hold Power ① (on top of the phone).



To turn off your phone, press and hold Power ①, then tap **Power** off.

Set up & go

The first time you turn on your phone, a setup wizard guides you through signing in to your existing Google™ account. If you don't have a Google account, you can create one using the wizard.

Note: To ensure that certain key features work on your phone, be sure to enter the date and time

Tip: Remember to write down your username and password, and keep them in a safe place.

Make & answer calls

To make a call, tap **Phone**, enter a number, then tap **?**.

To answer a call, drag $ightharpoonup ext{to the right.}$

To end a call, tap **End**.

To ignore a call, drag 🌈 to the left.

Wi-Fi connect

If you want to use a Wi-Fi computer network for even faster Internet access, press Menu = > Settings > Wireless & networks > Wi-Fi settings.

Cool content & more

Note: You may not have some features. For details, ask your service provider.

Browse and download thousands of the coolest apps on the planet from the Market. Learn more about downloading new apps with "Market" on page 24. Your phone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer.

Getting updates

Note: This is a network- and subscription-dependent feature.

Your network operator may periodically send over-the-air software updates. To verify that your phone includes the latest software to receive updates, go to http://direct.motorola.com/hellomoto/support/update.

Touchscreen & keys

a few essentials

Touch tips

Here are some tips on how to navigate around your phone.

Tap

To choose an icon or option, tap it.



Tap & hold



Drac

To scroll through a list or move slowly, drag across the touchscreen. Try it: In the home screen, tap Contacts, then drag your contacts list up or down.

Tip: When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a letter A - Z.



Flick

To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

Tip: When you flick a long list, tap the screen to stop it from scrolling.

Zoom

You can zoom in for a closer look when you view maps or web pages on your phone. To zoom in, *double-tap* the screen, or *tap* the screen with two fingers and then slide them apart. To zoom out, *double tap* the screen again, or *drag* your fingers together.

My Sian

Draw on your screen to get to your favorite apps. To open **My Sign**, tap the **My Sign** in the Applications tab.

Draw the sign for the action you want. For example, draw a "V" to go to voicemail.

To see which actions are already assigned to signs, press Menu > List gesture. You'll also see several signs that are unassigned.

To assign an action to a sign, press Menu 🗐 > Add gesture, tap the unassigned sign, then tap an app from the list.



Sleep & wake up

To save your battery, prevent accidental taps, or when you want to clean your touchscreen, put the touchscreen to sleep by quickly pressing Power ①. To wake up



the touchscreen, just press Power ① again, or open the slider

To change how long your phone waits before the screen goes to sleep automatically, press Menu > Settings > Sound & display > Screen timeout

Spin the screen

The touchscreen can rotate 90 degrees to stay right-side up when you rotate your phone:

Find it: Menu > Settings > Sound & display > Orientation

Home screen

quick access to the things you need most

The home screen gives you all your latest information in one place. It's what you see when you turn on the phone or press Home from a menu. It's basically like this:



The home screen extends beyond what you see on the screen to give you more room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more panels.



Tip: Customize your home screen in "Personalize" on page 36.

Widgets

In your home screen, add a *widget* such as a clock, music player, or a calendar that shows upcoming appointments.

To open a widget, tap it. To add widgets, press Menu = > Add > Widgets.

Note: If you install apps from Android Market that have widgets, those widgets appear on the home screen

Shortcuts

The shortcut icons at the bottom of your home screen are the first apps in your home screen.

You can add more shortcuts to the home screen, Just open the Applications tab and drag the apps you want to the home screen. Or, press Menu = > Add > Shortcuts

Applications tab

All the apps on your phone. including the apps that came with your phone, and the ones you download and install, are listed in alphabetical order in your Applications tab.

To open the Applications tab, tap or drag up.



Phone status & notifications

The status bar at the top of the screen contains icons that tell you about messages and phone status. To view your notifications, tap the status bar and drag it down

Calls

it's good to talk

In-call options

During a call, press Menu \blacksquare to use **Bluetooth**, or to put the call on **Hold**.

Tip: You can press Home \triangle or Back \bigcirc to hide the active call display. To reopen it, tap \frown **Phone**.

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

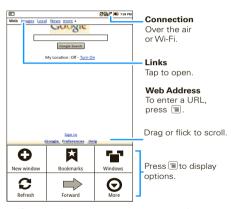
- 1 Press Home \(\frac{\text{\tint{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tiliex{\text{\texi}}\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\}\tittt{\text{\text{\texi}}\text{\text{\text{\text{\text{\text{\texit{\text{\texit{\texi{\texi{\texi{\texi}\texit{\text{\tex{\texi}\text{\text{\texi}\text{\texit{\texi{\texi{\texi{\texi{\te
- 2 Enter the emergency number.
- 3 Tap 🧨 to call the emergency number.

Note: Your mobile device can use AGPS satellite signals to help emergency services find you ("GPS & AGPS" on page 47).

Weh

Experience the Internet with your mobile phone. Go online without any limits—simply, fast and anywhere. For the best and most affordable mobile browsing experience sign up to an appropriate data tariff for fast browsing and full cost control.

Find it: Home △ > Browser



Note: If you can't connect, contact your service provider.

Connect

Your phone uses the mobile phone network (over the air) to automatically connect to the Web.

Note: Your service provider may charge to surf the Web or download data.

To use a wireless network, press Menu

> Settings > Wireless controls. Tap Wi-Fi to turn it on and tap Wi-Fi settings to search for nearby wireless networks. Tap a network to connect.

Select web links

When you tap a link, your phone outlines it and goes to that page. If you tap and hold the link, your



phone shows options, like **Open in new window** or **Bookmark link**.

Manage media content

bridge your digital world

Manage, sync, & backup phone content

Motorola Media Link (MML) and Moto Phone Portal bridge your digital world by connecting your phone, computer, and the Web, so you can manage the media on your phone and back up your media to your computer. The Moto Phone Portal lets you access your phone from any Wi-Fi-enabled computer. You can edit, customize, and back up contacts, and share your phone's content, all while you're on the go.

To install MML, use the CD that came with your phone. When you insert the CD into your computer, an installation wizard automatically begins, guiding you through the quick and easy installation. When installation is complete, the MML icon appears on your computer's desktop.

To use MMI:

1 With a memory card inserted in your phone, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show **a** in the status bar.

Note: Make sure to connect the phone to a high power USB port. Typically, these are located directly on you computer.

2 When you see the MML screen, select the appropriate tab to manage Photos, Videos, or Music.

Safeguard your phone's important information by using the Synch button, or simply drag and drop content from your phone to you computer. For more information on MML features and support, visit http://www/motorola.com/medialink.

Moto Phone Portal

The Moto Phone Portal is a phone-resident application that allows you to use a browser on a Wi-Fi-enabled computer as a window into your phone. To use Moto Phone Portal, you must connect your phone to the Wi-Fi network that your computer uses.

Bluetooth™ wireless

lose the wires and go wireless

Quick start: Bluetooth wireless

Find it: Menu > Settings > Wireless & networks > Bluetooth settings

Turn Bluetooth power on or off

Note: To extend battery life, turn Bluetooth power off when not in use.

Connect new devices

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see "Reconnect devices" on page 22.

- 1 Make sure the device you are pairing with is in discoverable mode.
 - **Note:** Refer to the guide that came with the device for details.
- 2 Press Menu = > Settings > Wireless & networks.

- 3 Tap Bluetooth to turn on and scan. If Bluetooth is already on, tap Bluetooth settings > Scan for devices to search for Bluetooth devices.
- 4 Your phone lists the devices it finds within range. Tap a device to connect.
- 5 If necessary, tap **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth indicator **3** appears in the status bar.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Reconnect devices

To automatically reconnect your phone with a paired device, simply turn on the device.

To manually reconnect your phone with a paired device, tap the device name in the **Bluetooth devices** list

Disconnect devices

To automatically disconnect your phone from a paired device, simply turn off the device.

To manually disconnect your phone from a paired device, tap the device name in the devices list, then press Menu = > Disconnect.

Edit properties

Press Menu **> Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and tap **OK**.

Apps for all

get the app you want

Note: You may not have some features. For details. ask your service provider.

Market

Find it: Home \triangle > \triangleq Market

Get all the fun games and cool apps you want! Market provides you with access to software developers everywhere, so you can find the app you want. If you need help or have questions about Market, press Menu = > Help.

Browse & install apps

Scroll to and tap the app you want to install. Then, tap Install (if app is free) or Buy.

Warning: If an app you are downloading requires access to your data or control of functions on your phone, you'll be asked to give your permission. After selecting Install, the app will download. After selecting Buy, you may be asked to sign in to an additional Google™ account. Sign in and select Purchase now to proceed. Follow the on-screen instructions. To see the download progress, open the notifications window

Manage & restore apps

To view downloads in progress, from your phone's home screen press Menu \equiv > **My downloads**. Progress is shown at the top of the screen.

To view your downloaded apps, press Menu > **My downloads**. Tap the app to open the details screen—from here you can review, uninstall, and more.

To reinstall any downloaded items, press
Home \triangle >

Market. All previously installed apps
are listed and available for download

Manage your life

stay on top of things

What can you manage?

Email, contacts, and calendar on your phone give you access to the same personal information that you add, view, and edit on your computer with the use of $Microsoft^{TM}$ $Outlook^{TM}$.

You can:

- View Google[™] and Exchange contacts in one list.
- Schedule and respond to meeting requests.
- Access your company directory.

For more information, see "Synchronize with Microsoft™ Office Outlook™" on page 31.

Google Mail

Create a new email

Find it: Home 🖒 > 🔤 > 餐 Gmail > 🗏 Menu

> Compose

Enter the recipient email address and message, then tap **Send**.

Tip: Press Menu 🗐 for options, like **Attach** or **Add Cc/ Bcc**.

Tips

- To search for messages, tap Menu > Search.
- To set new email notifications, such as having a special sound play when you receive a message, tap Menu
 Settings > Email notifications, then select the ringtone and vibrate options.
- To label an email thread, tap and hold a message, then tap Change labels.

Shortcut

inbox	
Refresh list	Press Menu <u>■</u> + U .
Compose new	Press Menu ≡ + C.
Open conversation	Press Enter.
Archive conversation	Press Menu ■ + Y.
Jump to top of list	Press Alternate ALT + 🔲 up.
Jump to end of list	Press Alternate ALT + down.
Page up	Press Shift 1 + spacebar.
Page down	Press spacebar.

Email

Set up an account

Find it: Home 🖒 > 🔤 > 👰 Email

The email setup wizard will guide you through setting up your email account.

Create a new email

Find it: Home 🖒 > 🔤 Email > 🗏 Menu

> Compose

Enter the recipient email address and message, then tap **Send**.

Tip: Press Menu 🔳 for options, like Attach or Add Cc/Bcc.

Calendar

Find it: Home △ > Calendar

View your calendar in different ways:
Press Menu ■ >
Agenda, Day, or Week.
When you highlight an event in the day and week views, more details appear.

Add calendar events

From any calendar view, press Menu = > New event. Enter event details and tap Done.

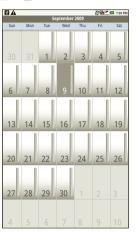
Manage calendar events

To edit an event, tap and hold the event,

then tap **Edit event**. Edit event details, then when you're done, tap **Done**.

Google data synchronization

Find it: Menu (≡) > Settings > Accounts & sync



The Google apps on your phone give you access to the same personal information (emails, events, and contacts) that you have on a computer using Google Mail, Calendar, and Contacts. It's easy to synchronize the Google apps information you want to keep up-to-date.

Select apps to synchronize

- 1 Tap Background data.
 - Tip: To save battery power do not tap **Background** data.
- 2 Tap Add account to add the apps you want to synchronize, like Google, Facebook, or Corporate.

Synchronize with Microsoft™ Office Outlook™

If you use MicrosoftTM Office OutlookTM on your work computer, your phone can synchronize emails, and events with your MicrosoftTM Exchange server.

Find it: Menu \blacksquare > Settings > Accounts & sync > Add account > Exchange

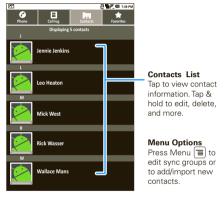
1 Enter your username (username@company.com), password, email address, and server details including domain name and security type (server address is the same URL you use to access your company's email using the Web on your computer).

Note: Contact your business IT department for server details.

- 2 Tap Next.
- 3 Set up your sync options: select email, contacts, or calendar.
- 4 Tap Save & Sync.

Contacts

contacts like you've never had before



Tip: To search the list, just open your phone and type a name.

Tips & tricks

a few handy hints

То	
Return to the home screen	Press Home 🙆.
See recently dialed numbers	Press Home <a> Call log . <a> Call log .
Search	Press Search Q.
Turn sound on/off	Press and hold Power \bigcirc > Silent mode .
Go to the top/ bottom of a list	Press Alternate ALT > Scroll up/down.
Scroll list up/down	Press Shift ↑ > Scroll up/down.

Battery tips

Your phone gives you a lot of information at high speed in a large display. That takes a lot of power. To save battery life between charges, you could reduce:

 Recording or watching videos, listening to music, or taking pictures

- GPS, Wi-Fi, and Bluetooth[™] use: Menu =
 Settings > Wireless & networks > Bluetooth
- Automatic applications synchronization: Menu
 > Settings > Accounts & sync
- Network searching: If you are out of coverage, to keep your phone from looking for networks, press Menu = > Settings > Wireless & networks > Airplane mode
- Display brightness: Press Menu > Settings
 Sound & display > Brightness > (dimmer setting)
- Display timeout delay: Press Menu > Settings
 Sound & display > Screen timeout > (shorter setting)

Personalize

add your personal touch

Create widgets

- 1 Find an empty spot on your home screen where you want to add a widget. You can flick left or right to open other panels on your home screen.
- 2 Tap and hold the empty spot until you see the Add to Home screen menu
- 3 Tap Widgets.
- 4 Tap the type of widget. If necessary, enter the widaet settinas.

You can customize some widgets. Tap a widget to open it, then press Menu (=).

To move a widget, tap and hold it, then drag the widget where you want it.

Change your shortcuts

The shortcut icons at the bottom of your home screen are the most frequently used apps in your Applications tab. To change these shortcuts, drag the menu icon from the main menu to the home screen

Ringtones

Personalize your ringtones:

Find it: Menu 🗏 > Settings > Sound & display > Phone ringtone or Notification ringtone

Sounds & display settings

To set sounds and display settings such as media volume, keypad touch tones, and the display orientation, press Menu > Settings > Sound & display.

Quick launch shortcuts

To set keyboard shortcuts to launch your favorite app, press Menu = > Settings > Applications > Quick launch.

Date & time

Set date, time, time zone, and formats:

Find it: Menu **■** > Settings > Date & time

Language & region

Set menu language and region:

Find it: Menu ≡ > Settings > Language & keyboard > Select locale

Lock your phone

help keep your phone safe

Find it: Menu Settings > Location & security

You have lots of ways to keep your phone safe:

For more information about locking your screen or SIM, view the *User's Guide* online at: www.motorola.com/support.



Lock & unlock

To lock the screen/ phone:

- Let the screen time out (don't press anything).
- Switch the power off.

To unlock the screen/phone:

- Press Menu or switch the phone on to display the lock screen
- Press Menu to unlock—if you've set a lock pattern or passcode, you'll be asked to enter it.

Troubleshooting

we're here to help

Crash recovery

In the unlikely event that your phone stops responding to taps and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 6), then replace and switch your phone on as

Reset

To reset your phone to factory settings and erase all the data on your phone, press Menu = > Settings > SD card & phone storage > Factory data reset

> Reset phone.

Warning: All data on your phone will be deleted.

Service & repairs

Go to http://www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 0800 666 8676 (Argentina), (800-201-442 (Chile), 01-800-700-1504 (Colombia), 01 800 021 0000 (México), 0800-100-4289 (Venezuela), or 0-800-52-470 (Perú).

Safety, Regulatory & Legal

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- Don't let the phone or battery come in contact with water. Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- Don't allow the battery to touch metal objects. If metal objects, such as
 jewelry, stay in prolonged contact with the battery contact points, the battery
 could become very hot.
- Don't place your battery near a heat source. Excessive heat can damage the
 phone or the battery. High temperatures can cause the battery to swell, leak, or
 malfunction. Therefore:
- Do not dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.*

D0s

- Do avoid dropping the battery or phone. Dropping these items, especially on a hard surface, can potentially cause damage.*
- Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.
- * Note: If the product guide expressly states that your phone is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do not exceed the stated limits, and ensure the stated precautions are taken. Always make sure that

the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as Invalid Battery or

Unable to Charge, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery:
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.



Warning: Never dispose of batteries in a fire because they may explode.

Battery Charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate (IEEE)

Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The quidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons. regardless of age or health, and to account for any variations in measurements. The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.10 W/kg, and when worn on the body, as described in this guide, is 0.89 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the quidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site: http://www.cwta.ca

Specific Absorption Rate (ICNIRP)

Your model wireless phone meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed to not exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health, and to account for any variations in measurements. The guidelines use a unit of measurement known as the Specific Absorption Bate (SAR). The ICNIRP SAR limit for mobile devices used by the general public is 2 watts per kilogram [W/kg], and the highest SAR value for this mobile device when tested at the ear is 0.65 W/kg. As mobile devices offer a range of functions, they can be

used in other positions, such as on the body as described in this guide. In this case, the highest tested SAR value is 0.72 W/kg. The tests are carried out in accordance with international guidelines for testing. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

As SAR is measured utilizing the mobile device's highest transmitting power, the actual SAR of this mobile device while operating is typically below that indicated above. This is due to automatic changes to the power level of the mobile device to ensure it only uses the minimum level required to reach the network. While there may be differences between the SAR levels of various mobile devices

within their may be dimeterized between the SAA levers of various mount of welland at various positions, they meet the governmental requirements for safe
exposure. Please note that improvements to this product model could cause
differences in the SAR value for later products; in all cases, products are designed to
be within the guidelines.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure, then you can do so by limiting the length of calls or using a handsfree device to keep the mobile device away from the head and body.

Additional Information can be found on the Web sites of the World Health Organization (http://www.who.int/emf) or Motorola, Inc. (http://www.motorola.com/rfhealth).

European Union Directives Conformance Statement





Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- · All other relevant EU Directives



The above gives an example of a typical Product Approval Number. You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site

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the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA, INC.

OSS Management 600 North US Hwy 45

Libertyville, IL 60048

USA

The Motorola website <u>opensource.motorola.com</u> also contains information regarding Motorola's use of open source.

Motorola has created the <u>opensource.motorola.com</u> website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please press Menu Key> Settings > About Phone > Legal information

> Open source licenses. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

GPS & AGPS

Your mobile device can use Global Positioning System (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions) such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and might not work in your area. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

Go outside and away from underground locations, covered vehicles, structures
with metal or concrete roofs, tall buildings, and foliage. Indoor performance
might improve if you move closer to windows, but some window sun shielding
films can block satellite signals.

Move away from radios, entertainment equipment, and other electronic devices.

Safety & General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Energy

Your mobile device contains a transmitter and receiver. When it is 0N, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy

compatibility. In some circumstances, your mobile device may cause interference with other devices

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

For more information, see "Smart Practices While Driving."

Operational Warnings

Obey all posted signs when using mobile devices in public areas.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire

Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
\triangle	Important safety information follows.
8	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
7	Do not throw your battery or mobile device in the trash.
*	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire. explosion, leakage, or other hazard. For more information, see "Battery Use & Safety."

Keep Your Mobile Device & Its Accessories Away From Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts. Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glace Parte

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound



level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- · Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked. For more information about hearing, see our Web site at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

[Apr/01091]

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause

harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use & Care

To care for your Motorola phone, please keep it away from:



liquids of any kind
Don't expose your phone to water, rain, extreme humidity, sweat, or
other moisture. If it does get wet, don't try to accelerate drying with the
use of an oven or dryer, as this may damage the phone.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



microwaves

Don't try to dry your phone in a microwave oven.



dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



shock and vibration

Don't drop your phone.

Latin America Warranty, Except Mexico

Latin America Warranty Motorola Inc. Subscribers/Cellular Division

Through its own service centers and/or its authorized service centers, Motorola provides a 1-year warranty that covers the cellular phone, all its parts and labor against any defer normal operation as long as the "Product" has been operated and handled under normal conditions. The term of 1 year begins when the "Product" is purchased.

Conditions

 For warranty service, return the "Product" and this warranty to the place of purchase or to any Motorola authorized service center.

If additional information is needed, please contact any of our service centers:

Motorola de México, S.A. Bosques Alisos No. 125 Bosques de las Lomas CP 05120 México, D.F. Telephone: 257-6700

Motorola Industrial Ltda.I V Chedid Jafet 222-Bloco D-1 Andar Vila Olimpia 04551-065 Sao Paulo, Brazil Telephone: 0800-773 1244

Motorola de Colombia Ltda. Carrera 7 7152 Torre B Piso 13 Oficina 1301 Torre del Banco Ganadero Santa Fe de Bogotá, Colombia Telephone: 01800 700 1504 If the cellular phone has been installed in a vehicle, take the vehicle to the service center to analyze the equipment, or the installation on the vehicle. This warranty does not cover the installation of the cellular phone.

Motorola Inc., through its own service centers and/or their authorized service centers, will repair or replace the cellular phone at no charge. This warranty covers shipping expenses, only if it is needed to make the repair.

Motorola Inc. through its own service centers and/or their authorized service centers, at its own discretion, will repair, replace, or reimburse the purchase price of the defective cellular phone only during the warranty period, as long as the "Product," in accordance with the conditions established in this warranty, is returned to a Motorola service center or to a Motorola authorized service center. All the accessories, batteries, parts, small boards or equipment of the cellular telephone that by virtue of being defective are replaced in fulfillment of this warranty, will automatically become property of Motorola Inc.

- To receive warranty service, present your cellular phone or accessory to any Motorola service center or Motorola authorized service center, along with your receipt of purchase or comparable substitute that indicates the date of purchase, serial number of the transceiver, and/or electronic serial number.
- The repair time will not be greater than 30 days, starting from the day the equipment was received at the service center.
- To purchase parts, spare parts, accessories and service not covered by this warranty, contact one of the service centers listed in section 1, or any authorized service center in your locality.
- 6. This warranty is not valid in the following cases:
- Defects or damages derived from abnormal use.
- Defects or damages derived from accident or negligence.
- Defects or damages derived from tests, unsuitable operation, maintenance, installation and adjustments, or derived from any alteration or modification of any type.
- Damage caused to antennas, unless they are consequences of defects in material or workmanship.
- When the cellular phone has been disassembled and/or repaired so that its
 operation has been affected or that it can not be tested to verify any claim that
 grants this warranty.

- Any cellular phone with a serial number that has been removed, altered, or obliterated.
- · Defects or damages caused by food spills or liquids.
- When the cables of the control unit have been stretched or the module tongue-piece has broken.
- When the surface of the "Product" and its pieces have been scratched or damaged due to normal use.
- Leather cases.
- Rented cellular phones.
- When the "Product" has been altered or repaired by non-Motorola authorized service centers
- When the "Product" has not been operated in agreement with the instructions
 that accompany the "Product."
- The batteries (Nickel-Cadmium) are warranted only if their capacity is reduced by 80% below its predicted capacity. This warranty is null for all types of batteries if:
- The batteries are charged by a charger that has not been approved by Motorola.
- Any of the battery seals are broken or tampered with.

The batteries were used or installed in non-Motorola equipment.	
"Product":	
Brand: Motorola Model:	
Number of Mechanical Series:	
Number of Electronic Series:	
Name of Distributor:	
Street and Number:	
Town:	
Municipality:	
Postal Code, City, State, or Country:	
Telephone:	

Limited Warranty (Mexico)

For Motorola personal communication products and accessories purchased in Mexico

I. Concepts Covered by this Warranty

This warranty covers all the parts, components, accessories and labor of the Motorola "Product" from defects in materials and workmanship under normal consumer usage.

The Motorola "Products" that are protected under this warranty can be: (a) cellular telephones, (b) radar sets, (c) two-way radios, and (d) wireless telephones. Motorola de Mexico S.A., at its option, will at no charge repair, replace, or refund the purchase price of any "Product" that does not conform to this warranty. Motorola may use functionally equivalent reconditioned/refurbished/pre-owned or new products, accessories, or parts. Updates in software are not covered.

II. Length of Warranty Coverage

The length of coverage is one (1) year from the date the new "Product" was purchased from an authorized distributor.

III. Place where consumers can make the warranty effective, obtain parts, components, and accessories

Motorola de México, S.A. Bosques de Alisos 125 Col. Bosques de las Lomas Del. Cuajimalpa Te:(55) 5257-6700

IV. Procedure to Make the Warranty Effective

For warranty service, return the "Product" (with its components and accessories, such as batteries, antennas, and charger) to the place of purchase, to the address

above, or to an authorized service center, or call 01 800 021 0000. To request a refund, you must present this warranty, sealed by the place of purchase, along with the "Product."

V. Warranty Limitations or Exceptions

The warranty is not valid when:

- The "Product" has been used in conditions different from the normal ones.
- . The "Product" has not been operated as described in the operating instructions.)
- The "Product" has been altered or repaired by someone other than Motorola, or its authorized service centers.

If repairs are not covered by this warranty, Motorola, at the request of the purchaser, will provide information regarding availability, prices, and other conditions for the repair of the "Product."

To obtain information on products that need repairs not covered by this warranty, please call 01 800 021 0000.

Product Model:	Date of Purchase:
Seal of the authorized or established distributor where the "Product" was purchased:	

Note: In other countries, consult the laws and local regulations under the warranty and its local Motorola office.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHIO Fact Sheet 193

Further information: http://www.who.int/peh-emf

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.



Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at:

Disposal of your Mobile Device Packaging & Product Guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- Monitor access—Keep your mobile device with you and do not leave it where
 others may have unmonitored access. Lock your device's keypad where this
 feature is available.
- Keep software up to date—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- Secure Personal Information—Your mobile device can store personal
 information in various locations including your SIM card, memory card, and
 phone memory. Be sure to remove or clear all personal information before you
 recycle, return, or give away your device. You can also backup your personal data
 to transfer to a new device.

Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

- Location-based information—Location-based information includes
 information that can be used to determine the approximate location of a mobile
 device. Mobile phones which are connected to a wireless network transmit
 location-based information. Devices enabled with GPS or AGPS technology also
 transmit location-based information. Additionally, if you use applications that
 require location-based information (e.g. driving directions), such applications
 transmit location-based information. This location-based information may be
 shared with third parties, including your wireless service provider, applications
 providers, Motorola, and other third parties providing services.
- Other information your device may transmit—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to www.motorola.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- Get to know your Motorola mobile device and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
- When available, use a handsfree device. If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- MOTOROLA
- Position your mobile device within easy reach. Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- Do not take notes or look up phone numbers while driving. Jotting down a
 "to do" list or going through your address book takes attention away from your
 primary responsibility—driving safely.

- Dial sensibly and assess the traffic; if possible, place calls when your
 car is not moving or before pulling into traffic. If you must make a call while
 moving, dial only a few numbers, check the road and your mirrors, then continue.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- Use your mobile device to call for help. Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- Use your mobile device to help others in emergencies. If you see an auto
 accident, crime in progress, or other serious emergency where lives are in
 danger, call 911 or other local emergency number (wherever wireless phone
 service is available), as you would want others to do for you.
- Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Motorola, Inc.
Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.hellomoto.com
Motorola Argentina S.A.
Suipacha 1111 - Piso 18
C1008AAW Buenos Aires
ARGENTINA

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual Number: 68000202472-A

U.S. patent Re. 34,976





www motorola com

